

PTO/SB/21 (09-04) (AW 10/2004)

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission 12 + 2 Refs.

Application Number	10/766,787
Filing Date	January 28, 2004
First Named Inventor	Shaomin Samuel Mo et al.
Art Unit	2634
Examiner Name	Stephen Chin
Attorney Docket No.	MAT1-238US

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☐ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application
  - ☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation,  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_
  - ☐ Landscape Table on CD

- ☐ After Allowance Communication  
to TC
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply  
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please  
identify below): Search Report;  
Copy of 2 cited references

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm Name	Ratner Prestia
Signature	
Printed Name	Kenneth N. Nigon
Date	August 8, 2005

Registration No.	31,549
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**CERTIFICATE OF TRANSMISSION / MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or Printed Name	Tonya M. Berger
Date	August 8, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No: 10/766,787  
Applicant: Shaomin Samuel Mo et al.  
Filed: January 28, 2004  
Title: METHOD AND APPARATUS FOR IMPROVING ERROR RATES IN MULTI-BAND ULTRA WIDEBAND COMMUNICATION SYSTEMS  
TC/A.U.: 2634  
Examiner: Stephen Chin  
Confirmation No.: 3987  
Docket No.: MATI-238US

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a and PTO/SB/08b submitted herewith. A copy of the references listed on the PTO/SB/08a and PTO/SB/08b, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The references were cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No

first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
\_\_\_\_\_  
Kenneth N. Nigon, Reg. No. 31,549  
Attorney for Applicants

KNN/tmb

Enclosures: PTO/SB/08a  
PTO/SB/08b  
(2) References  
Search Report

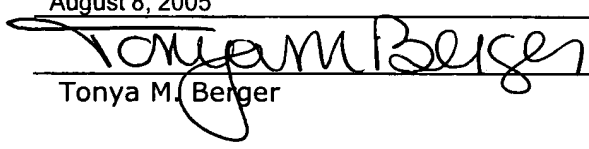
Dated: August 8, 2005

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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August 8, 2005

  
\_\_\_\_\_  
Tonya M. Berger



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/766,787
Filing Date	January 28, 2004
First Named Inventor	Shaomin Samuel Mo et al.
Art Unit	2634
Examiner Name	Stephen Chin
Attorney Docket No.	MATI-238US

**SHEET 2 of 2****NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		BOTARO HIROSAKI ET AL., A Highly Efficient HF Modem with Adaptive Fading Control Algorithm, Proceedings of the Global Telecommunications Conference and Exhibition, November 26-29, 1994, pp. 1553-1557, vol. 3, New York	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

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